



## PUBLISHED BY AUTHORITY

SIMLA, SATURDAY, JULY 27, 1963 (SRAVANA 5, 1885)

Separate paging is given to this Part in order that it may be filed as a separate compilation

### PART III—SECTION 2

Notifications and Notices Issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 27th July, 1963

##### Special Notice

The following Groups of Abridgments of Patent Specifications have been published and copies thereof are available for sale at the Counter of the Government of India Book Depot, 8, Hastings Street, Calcutta at Rs. 2.00 per copy.

Group XVI  
(Containing Abridgments of Patent Specifications between Nos. 40,001 to 50,000).

—Cigars, cigarettes and smoker's appliances and tobacco manufacture.

Group XIX  
(Containing Abridgments of Patent Specifications between Nos. 40,001 to 50,000).

—Medicine and surgery.

##### CORRIGENDA

In the Gazette of India, Part III, Section 2, dated 4th May, 1963.

(1) In page 185 under the heading Renewal fees paid delete the No. 71369.

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

6th July 1963

88791. N. K. Jain. Improvements in or relating to hand or power operated wool or yarn winding machine.

88792. Unilever Limited. Treatment of vegetables.

88793. Progil S.A. Method for clarifying solutions of phosphoric acid.

88794. Imperial Chemical Industries Limited. Plastic bags. (13th July 1962).

88795. Girling Limited. Improvements in disc brakes (12th July 1962).

88796. Gestetner Limited. Improvements in or relating to duplicators. (11th July 1962).

88797. Tecalemit (Engineering) Limited. Improvements in flexible tubing.

88798. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to screening systems of a ventilator or the like, comprising a rotating blade wheel.

88799. Smith Fullerton Limited. Apparatus for separating liquids or solids from liquids. (7th July 1962).

88800. Molins Machine Company Limited. Improvements in machines for manipulating cut tobacco. (18th July 1962).

88801. Kaiser Aluminum & Chemical Corporation. Refractory.

88802. C. R. Matheson. Load-lifting apparatus.

88803. Carlo Erba S.p.A. Process for the preparation of steroid double esters.

88804. Chemische Werke Witten Gesellschaft Mit Beschränkter Haftung. Process for the production of glycol monoesters. [Addition to No. 80896.]

88805. Nestle's Products Limited. Improvements in or relating to processes for the manufacture of sweetened condensed milk.

88806. Ciba Limited. New water-insoluble anthraquinone dyestuffs and process for their manufacture.

88807. C. R. Dakale. Improvements in or relating to a furrow or like device.

88808. C. R. Dakale. Improvements in or relating to sickle device.

8th July 1963

88809. R. G. Goswami. Lifting of water to be known as "Giri Gaga," (a self-running tube well under the laws and the process of the nature).

88810. Lal Behari Roy. Improvement in or relating to bath tubs.

88811. C. R. Obhroi. Hydraulic levelling instrument.

88812. B. Nath and B. Prasad. Improvements in or relating to ploughs.

88813. Chemical Construction Corporation. Urea synthesis process.

88814. General Electric Company. Oxidation of phenols.

88815. E. I. du Pont de Nemours and Company. Improvements in or relating to detonating means for explosive charges.

88816. E. I. du Pont de Nemours and Company. Improvements in or relating to water-bearing explosive compositions free of self-explosive ingredients.

88817. Sicedison S.p.A. Process for the preparation of halogenated hydrocarbons.

88818. Alloys Research & Manufacturing Corporation. Improvements in or relating to porous metallic bodies and fabrication methods therefor.

88819. The British Petroleum Company Limited. Improvements in the production of micro-organisms from hydrocarbons. (31st December 1962.)
88820. Food Techniques, Inc. Process for isolation of vegetable protein.
88821. Petersen Mfg. Co., Inc. Improved wrench.
88822. Dr. C. Otto & Comp. G.m.b.H. Improvements relating to basic refractory bricks, blocks and the like.
88823. Union Carbide Corporation. Polycarbonate resins. [Divisional date 10th October 1961.]
88824. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Compositions containing tricyclic secondary amine compounds. [Divisional date 24th January 1962.]
88825. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for the preparation of cyclododecatriene-1, 5, 9 from conjugated diolefins.
88826. Societa' Farmaceutici Italia. Process of preparing new amide derivatives of dihydro-D-lysergic and 1-methyl-dihydro-D-lysergic acid.
88827. T. E. Arnold. Electro-hydraulic processes and apparatus for initiating chemical and physical reactions.
88828. Texaco Development Corporation. Generation of gaseous mixtures of carbon monoxide and hydrogen.
88829. The Procter & Gamble Company. Detergent composition.
88830. Sperry Rand Corporation. Fluid or-gate.
88831. Sperry Rand Corporation. Data processing system.
88832. M. A. Adhikari, and G. K. Vaidya. A pressure regulating valve.
- 9th July 1963
88833. Deba Prasad Basu. Improvements in or relating to weaving machines.
88834. Ramani Ranjan Datta. Mathematical instrument for directly aiding the design of channel sections.
88835. Metal Containers (Installations) Limited. Sheet metal shipping container and method of making the same.
88836. Sperry Rand Corporation. Fluid and-gate.
88837. Solvay & Cie. Improved process for the polymerisation of olefines.
88838. National Research Development Corporation. Apparatus for treating articles with fluids. (12th July 1962).
88839. Imperial Chemical Industries of Australia and New Zealand Limited. Valved sacks. (17th July 1962).
88840. Imperial Chemical Industries Limited. Electrolytic cell. (18th July 1962).
88841. Rohm & Haas Company. Esters.
88842. Esso Research and Engineering Company. Lubricating compositions.
88843. Vsesojuzny Nauchno-Issledovatel'sky Khimiko-Farmatsevtichesky Institute. A method of producing esters of  $\alpha$  —dienestrol-trans, trans-3, 4-bis-(p-hydroxyphenyl)-2, 4-hexadiene.
88844. Asahi Kasei Kogyo Kabushiki Kaisha. The method of recovering acrylonitrile monomer.
88845. Roussel-Uclaf. Process for the production of a new 20-bis-(hydroxymethylene)-5 —pregnane derivative, and the derivative thus produced. (9th February 1961). [Divisional date 16th January 1962.]
88846. Roussel-Uclaf. Process for the production of new 20-bis-(hydroxymethylene)-5  $\beta$  —pregnane derivatives, and the derivatives thus produced. (9th February 1961). [Divisional date 16th January 1962.]
88847. Yarrow and Company Limited. Method of and apparatus for treating heat labile materials. (9th July 1962).
88848. Raduner & Co. A.G. Process for improving textile material consisting at least partly of cellulosic fibres.
88849. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to magnetic circuits.
88850. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to cathode ray tubes. (3rd September 1962).
- 10th July 1963
88851. Council of Scientific and Industrial Research. Improvements in/or relating to the electrolytic reduction of benzoic acid to benzyl alcohol.
88852. S. Balaram and K. V. Narayanamurthy. A method of increasing the speed of transmission of printed languages.
88853. Dr. S. M. Atlas. An improved process of manufacture of polythylene and articles and materials therefrom.
88854. D. P. Asar. Filing cabinet.
88855. E. Merck Aktiengesellschaft. Process for the production of substituted amines and products so produced.
88856. Pittsburgh Plate Glass Company. Method & apparatus supporting glass sheets.
88857. Pittsburgh Plate Glass Company. Gas-tempered glass sheets.
88858. Imperial Chemical Industries Limited. Improvements in synthetic resin compositions. (23rd July 1962).
88859. Liphia, Lyonnaise Industrielle Pharmaceutique. New carboxylic acids substituted in the alpha-position by at least one cyclic radical, and processes for the preparation thereof.
88860. J. R. Geigy A.G. Process for the obtention of a new alkaloid from schizozygia caffaoidea (boj.) baill.
88861. A. Thyholt. A freely supported deck-construction. (19th July 1962).
88862. Imperial Chemical Industries Limited. Transparent shrinkable biaxially oriented polypropylene films and process for their production. (22nd December 1961). [Divisional date 5th April 1962.]
88863. Imperial Chemical Industries Limited. Process of stretching or drawing a tube of a linear organic thermoplastic material to give a biaxially oriented film. [Divisional date 5th April 1962.]
88864. H. H. Clark, Jr., B. C. Briggs and J. C. Shiras. Art of separating water from aqueous liquid.
88865. Institut Francais Du Petrole, Des Carburants Et Lubrifiants and Compagnie Generale De Geophysique. Optical recording device for successive series of vibrations.
- 11th July 1963
88866. Y. J. Sane. Improved micro-pulverizer.
88867. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. Cyanate baths. (17th June 1963).
88868. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble phthalocyanine dyestuffs and process for their manufacture.
88869. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing fast dyeings or prints on cellulose materials.
88870. Litton Industries Inc. Improvements in or relating to plasma accelerators.
88871. Miles Laboratories, Inc. Immunological indicator composition for use in the detection of pregnancy. [Additional to No. 79064.] [Divisional date 27th October 1961.]
88872. S. & R. J. Everett & Company Limited. Improvements relating to hypodermic apparatus.
88873. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Composition containing cyclic amines. [Divisional date 6th February 1962.]
88874. Sandoz Patents Limited. Organic solvents especially suitable for dry cleaning. (3rd August 1962).
88875. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to methods of applying an alkali-earth metal getter.

12th July 1963

88876. J. L. Gaktu. Key board (with joint matras) for hindi type writing.
88877. E. L. Summer. Simplify the production of manual earth pits for planting and the like.
88878. S. Kumar and Y. Sankaranarayanan. A process for the preparation of aqueous shellac—drying oil varnishes whose baked films possess outstanding resistance to heat, water and chemicals and improved adhesion and flexibility.
88879. Phillips Petroleum Company. Improvements in or relating to polymer manufacture.
88880. Chemical Construction Corporation. Process for removal of acid gas from gas streams.
88881. Spofa, Sdruzeni podniku pro zdravotnickou výrobu. Method of preparing new derivatives of 6-aminopenicillanic acid.
88882. Metallgesellschaft A.-G. Process of control of sintering machines.
88883. The International Synthetic Rubber Company Limited. Treatment of latices of natural rubber and blends of synthetic rubber and natural rubber. (13th July 1962). [Addition to No. 78463.]
88884. Imperial Chemical Industries Limited. New colouration process. (19th July 1962).
88885. M. A. Chavannes. Method and apparatus for manufacture of multi-laminate cushioning material and resultant products. (19th July 1962).
88886. J. & P. Coats, Limited. Film coated wire traveller and method of making the same.
88887. Sarco Company, Inc. Improvements in or relating to pressure reducing valves. [Divisional date 31st March 1962.]
88888. Birfield Engineering Limited. Improvements in or relating to universal joints. (19th July 1962).
88889. Standard Telephones and Cables Limited. Electromagnetic wave amplifier.
88890. Brown Boveri & Company, Limited. Arrangement with a fuel element.
88891. Scherico Limited. Antidiarrheal resin salts.

**Alteration of Date**

82374. The claim to priority date 27th May 1961 has been disallowed and the application dated as of 22nd May 1962, the date of filing in India.
88075. Ante-dated to 10th October 1961 under Section 5 of the Act.
88076. Ante-dated to 10th October 1961 under Section 5 of the Act.
88823. Ante-dated to 10th October 1961 under Section 5 of the Act.

**Applications Accepted**

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office on the Prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification, together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crecent brackets are dates allowed under Section 78-A of the Act.

78765. H. Holloway. Improvements relating to apparatus for the detection of flaws. Accepted on 6th July 1963.

*Comprising a detector device adapted to have electromagnetic coupling with the surface layer underlying an elemental area afforded by the surface of a workpiece under test, indicator means, and amplifier means.*

78771. O. F. Johnsen. A pressure operated valve, especially for water supply systems. Accepted on 6th July 1963.

*Comprises a pressure bell and a pressure operated switch for pump motor, a double-acting regulating valve with a by-pass regulating water supply from pump line to the discharge line.*

78795. The Telegraph Condenser Company Limited. Improvements in or relating to tantalum-anode electrolytic capacitors. (25th October 1960). Accepted on 10th July 1963.

*Comprising an oxide coated tantalum anode, an electrolyte condensed in a can, a rigid vapour barrier plug, and sealing material.*

78797. Rhone-Poulenc S.A., formerly known as Societe Des Usines Chimiques Rhone-Poulenc. Pesticidal compositions containing new phosphorus esters. Accepted on 9th July 1963.

*Comprising as active ingredient one or more phosphorous esters such as 3-0, 0-diethyl dithiophosphorylmethyl-benzothiazolone and atleast one solid diluent or liquid diluent containing a surface-active agent.*

78806. Union Carbide Corporation. Polycarbonate resins. Accepted on 10th July 1963.

*By admixing 2, 2, 4, 4-tetramethyl cyclobutanediol-1, 3, and a diester of carbonic acid and heating at 50°C to 350°C.*

78817. Elemelt Limited. Improvements relating to methods of and furnaces for melting glass electrically. (18th October 1960). Accepted on 9th July 1963.

*Distribution of current over a cross-section of the current path is controlled by applying three alternating current voltages, the third one being varied in magnitude or phase or in respect of both these quantities.*

78838. Shell Internationale Research Maatschappij N. V. A. process for the dehydrogenation of hydrocarbons. (14th October 1960). Accepted on 6th July 1963.

*Oxidising in the vapour phase with oxygen or oxygen containing gas and a halogen with a solid catalyst and alkalimetals and or alkaline earth metal compounds, and having a surface area of atleast 1sq. m/gm.*

78860. United Kingdom Atomic Energy Authority. Improvements in or relating to methods of manufacturing metal bars. (25th October 1960). Accepted on 9th July 1963.

*Including the step of controlling the grain size within given limits in outer annular region, controlling done by directing a pulsed ultrasonic beam through the bar, the transmitter and receiver being mounted adjacent either side of the bar on a chord displaced from the bar diameter.*

78867. Kharkovsky Zavod "Electrotiazhmash" V.I. Lenin. Butt glands for packing of turbogenerator shafts. Accepted on 12th July 1963.

*The clearance between movable bushing and fixed cylindrical ring is packed by oil within rings made of metal; said rings being held within grooves formed on the outer surface of the bushing.*

78870. K. Haussermann and H. Haussermann. Clutch, in particular for motor vehicles. (22nd February 1961). Accepted on 11th July 1963.

*Spring means is provided, acting between the cam and the base plate to press a side of the cam against the adjacent edge.*

78872. K. Haussermann and H. Haussermann. Clutch, in particular for road vehicles. (28th February 1961). Accepted on 11th July 1963.

*Additional spring member adapted to vary the leverage in the spring members to increase the spring path when declutching a second spring disc and the supporting surface for additional spring on the pressure plate being formed as a rolling surface.*

78873. K. Haussermann and H. Haussermann. Control apparatus for rotating servo-operated members, in particular for hydraulically operated clutches. (12th April 1961). Accepted on 11th July 1963.

*Axially arranged bolt on rotating servo-operated control members with connecting channels leading to the pressure chamber and supply and discharge channels for the pressure medium and control bush in positive connection with a curved path.*

78973. Phillips Petroleum Company. Improvements relating to coating resins. Accepted on 6th July 1963.

*Comprising a blend of (A) 76 to 95 parts of a polymer blend having a density in the range 0.940 to 0.990 gm/cc and (B) 5 to 24 parts of ethylene polymer having a density of less than 0.930 gm/cc.*

78998. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Co-vulcanized mixes on the basis of olefinic copolymers and polymers, and vulcanized articles having low permeability to gases. Accepted on 12th July 1963.

*Covulcanising in the presence of organic peroxides and sulfur and/or quinonic compounds with or without fillers, stabilizers and pigments, consisting of amorphous copolymer of ethylene and  $\alpha$ -olefin and of solid polyisobutene.*

79168. Union Carbide Corporation. Catalytic polymerization of mono unsaturated alpha-olefins. Accepted on 9th July 1963.

*Contacting  $\alpha$  olefins with catalyst reaction product of poly (hydrocarbylaluminium oxide), transition metal compound of groups IV, VA and VIA and compound of metals of groups IA, IIA, IIIB in inert diluent.*

79597. Council of Scientific and Industrial Research. Improvements in a continuous vertical counter current solids-gas reactor. Accepted on 11th July 1963.

*Comprising vertical stationary shaft dipping into rotating conical water-seal trough having gas distributor pedestal provided with a down conveying spiral.*

80071. The United States Time Corporation. Improvements in or relating to lubrication system for watches and clocks. Accepted on 3rd July 1963.

*Which includes a material of higher contact angle relative to lubricant than the shaft material secured onto a portion of the shaft.*

80094. H. Owadano. Mechanical lead pencil. Accepted on 5th July 1963.

*Characterised in that the lead holding tubular-member open at both ends and extending from base to tip of the barrel is provided with a slot through which a lead plunger without lead gripping means is mounted within the lead holding tubular member.*

80105. Sun Oil Company. Stable composition of polypropylene and process of preparation thereof. Accepted on 5th July 1963.

*Stabilised by combination of di-beta-naphthyl-para-phenylene diamine and carbon black.*

80106. Sun Oil Company. Stable composition of polypropylene and process of preparation thereof. Accepted on 5th July 1963.

*Adding combination of di-beta-naphthyl-para-phenylene diamine and compound  $\text{NRR}_1\text{S}^{\text{S}}\text{-Ni-S-C}$*

*$\text{S}$   
 $\text{||-NR}_2\text{R}_3$ , R, R<sub>1</sub>, R<sub>2</sub>, and A<sub>2</sub> being hydrocarbon radicals.*

80126. United States Steel Corporation. Method of making billets. Accepted on 8th July 1963.

*Continuously feeding molten metal into one end of a mold open at both ends, transverse section has a length several times its width, withdrawing from the other end of the mold a continuous slab casting shaped to section, abstracting heat principally from opposite faces of the slab.*

80165. Bastian and Allen Limited. Electrode steam boiler apparatus. (12th January 1961). Accepted on 8th July 1963.

*In which aperture means are provided in a container connected to the boiler through which, water can be pumped to or withdrawn from the boiler.*

80189. Dr. K. Ziegler. Process and device for the continuous polymerization of ethylene to form predominantly straight-chain alpha-olefinic polymers having from 4 to 20 carbon atoms. (16th November 1961). Accepted on 6th July 1963.

*Polymerising at 225-350°C and pressure above 25 atm. on a residence time of 0.1 sec. to 20 minutes in reaction spaces having a heat-removing surface of at least 1 sq. cm. and preferably 2-10 sq. cm./ml. capacity.*

80198. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing colour television display tubes. Accepted on 10th July 1963.

*The luminescent display screen is first provided on the inner side of the glass dish and subsequently the protruding rim of the dish and the rim of the funnel-shaped part are sealed to one another according to a process in which the rims are preheated and electric current is passed through the rims.*

80246. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to methods of diffusing boron into semiconductor bodies. (20th February 1961). Accepted on 12th July 1963.

*In which a current of inert gas having a predetermined water vapour addition is passed over a boron supply which is heated and the resultant boron containing current is passed over the semiconductor body which is heated for diffusion of boron.*

80258. Imperial Chemical Industries Limited. Improvements in or relating to packings suitable for cooling towers. (25th January 1961). Accepted on 9th July 1963.

*Comprising a stack of alternate flat and corrugated sheets of rigid organic polymeric material held together and arranged such that points of contact of corrugated sheet with one side of a flat sheet being co-linear.*

80296. United States Steel Corporation. Method of making tin plate resistant to oxidation. Accepted on 12th July 1963.

*An alloying element such as aluminium, magnesium, calcium, chromium, gallium and germanium is deposited on top of the tin coating applied to the steel sheet.*

80309. The English Electric Company Limited. Improvements in and relating to apparatus responsive to overload and unbalance in a three phase electrical supply. Accepted on 12th July 1963.

*Comprises means for deriving positive or negative or both phase sequence components of current, means for generating heat in dependence on that and a control or warning device responsive to the heat so generated.*

80331. Aktiebolaget Svenska Flaktfabriken. A room unit for ventilating plants. Accepted on 12th July 1963.

*Wherein heat exchanger is provided with a change-over valve and a co-operating by-pass pipe disposed in the tube coil forming the heat exchanger.*

80361. Ciba Limited. Deodorants. Accepted on 6th July 1963.

*Containing a hydroxyaryl-glyceryl ether, together with a usual vehicle material.*

80368. Siemens & Halske Aktiengesellschaft. A telephone instrument. (24th November 1961). Accepted on 9th July 1963.

*Comprising a cover and a base plate forming a housing, component parts disposed interiorly of the housing and receiving means in the form of compartments formed within the housing, receiving respective component parts.*

80369. Siemens & Halske Aktiengesellschaft. A telephone instrument. (24th November 1961). Accepted on 9th July 1963.
- Wherein the connecting leads from certain circuit elements within the instrument and of cords to the instrument are terminated in each case in one member of a plug and socket connector.
80370. Siemens & Halske Aktiengesellschaft. A telephone instrument. (24th November 1961). Accepted on 12th July 1963.
- Includes a carrier of insulating material with number of conductors interconnecting the circuit element to the instrument.
80373. Siemens & Halske Aktiengesellschaft. Telephone instrument. (24th November 1961). Accepted on 12th July 1963.
- Wherein some component parts are positioned between two mechanical structural elements.
80469. Societe Alsacienne De Constructions Mecaniques. Weaving frame. Accepted on 10th July 1963.
- Has weft shooting reciprocating needles and weft holding and transferring means wherein inner needle ends are applied against warp threads and reeds during weft transfer.
80470. Societe Alsacienne De Constructions Mecaniques. Shuttleless loom having improved weft cutting means. Accepted on 10th July 1963.
- Includes weft delivering means from a supply to the weft shooting member, weft cutting and holding means being operated cyclically to cut and hold weft yarn for its subsequent engagement by weft shooting member.
80521. Schellpressenfabrik Aktiengesellschaft Heidelberg. A device for register retaining alignment of a sheet in a platen printing machine. Accepted on 10th July 1963.
- An additional adjustable side guide is arranged on the platen adapted to move parallel to the platen plane and to swing vertically thereto.
80678. Imperial Chemical Industries Limited. Process for the manufacture of new azo dyestuffs suitable for the colouration of cellulose textile materials. (24th March 1961). Accepted on 6th July 1963.
- By interacting a monoazo compound with the acid halide or anhydride of an acid which contains a group capable of reaction with the fibre to form a covalent bond.
80733. G. Nicol. Improvements in or relating to apparatus for use in drying and storing receptacles. (28th February 1961). Accepted on 12th July 1963.
- Comprises hub mounted at the bottom of the receptacle, and is driven and at least one arm is mounted on the hub.
80739. Helena Rubinstein, Inc. Cosmetic holder. Accepted on 11th July 1963.
- Comprising push button means for advancing stick of cosmetic material, and rotatable means for retracting the stick.
80771. G. W. B. Furnaces Limited. Improvements in fire tube boilers. (17th February 1961). Accepted on 6th July 1963.
- Including a furnace within the boiler shell and means for feeding solid fuel and at least a proportion of combustion air to that furnace comprising a tube passed from above the boiler through the steam and/or water spaces of the shell.
80808. H. Gerlach. Apparatus for making pressed components on support plates. Accepted on 12th July 1963.
- Wherein the charging device and unloading devices have more than one stage.
80880. E. I. du Pont de Nemours and Company. A synthetic linear condensation polyester. Accepted on 9th July 1963.
- Containing from about 0.1 to 1.5 parts by million of a blue pigment and from 0.005% to 0.1% of an optical brightener selected from the class of fluorescent compounds.
80887. Unisearch Limited. Apparatus for hydraulically conveying discrete solids. (24th February 1961). Accepted on 9th July 1963.
- Liquid supply pipe having its delivery in juxtaposition to and below the conveyor pipe inlet in an entrainment chamber and means to create a flow of liquid in said chamber.
81040. Rhone-Poulenc S. A. Unsaturated polyester resin solutions of improved storage stability. Accepted on 6th July 1963.
- Comprising 0.1% to 5% by weight of an aliphatic carboxylic acid anhydride.
81075. Imperial Chemical Industries Limited. Polyethylene terephthalate film laminates and method for the preparation thereof. (13th March 1961). Accepted on 6th July 1963.
- Polythene is melt extruded from a slot die and is brought into contact with one or other of the polypropylene or polyethylene terephthalate oriented films.
81103. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to semi-conductor devices. (23rd March 1961). Accepted on 11th July 1963.
- Method of locally doping is characterised in that locally a quantity of elementary boron is applied to the surface of the semiconductor body, after which the assembly is heated in an indifferant ambience at such a high temperature that the boron diffuses into the body adjacent the area on which it was locally applied.
81122. Universal Oil Products Company. Process for the hydrorefining of coke-forming hydrocarbon distillates. Accepted on 6th July 1963.
- A charge steam of coke forming hydrocarbon distillate prior to its reaction in first zone is commingled with a portion of the liquid product stream in a proportion within the range of from one to five volumes of liquid product per volume of fresh hydrocarbon charge.
81126. Societe D'Electro-Chimie, D'Electro-Metallurgie Et Des Acieries Electriques D'Ugine. An improved process for manufacturing a catalyst based on tin and antimony oxides. Accepted on 10th July 1963.
- Reacting an intimate mixture of tin and antimony in concentrated nitric acid at 70-120°C, washing the precipitate and drying at 100-160°C.
81445. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing hardenable condensation products. Accepted on 6th July 1963.
- Comprises reacting basic bis-triazinones with aliphatic compounds containing a long chain and an aliphatic aldehyde.
81469. Scientific Design Company, Inc. A process for the production of ketoxime materials. Accepted on 6th July 1963.
- Comprises passing a mixture of dry hydrogen chloride and nitrogen dioxide in which the Moler ratio of  $\text{NO}_2:\text{HCl}$  lies between about 1:6 and 1:2 into liquid paraffinic compound while irradiating with light and separating the oxime hydrochloride.
81486. Goetzwerke Friedrich Goetze Aktiengesellschaft. Resilient spring for band shaped piston rings. Accepted on 10th July 1963.
- Spring extending circularly and having radial sinuous windings, barlike extensions carried by spring for engagement with piston rings endwise thereof, intermediate undulations of spring engaging the respective piston rings at points approximately midway thereof.
81500. Shell Internationale Research Maatschappij N. V. Improvement in continuous kilns. Accepted on 6th July 1963.
- Tunnel through which the ware to be fired slopes upward and a derived circuit or by pass is established between two points.
81534. Ciba Limited. Glycidyl ethers and process for their manufacture. Accepted on 6th July 1963.
- Comprises reacting an hydroxide with epichlorohydrin glycerol chlorohydrin or other halo-hydrin or epihalohydrin or with their 3-methyl analogues in the presence of a base.

81561. Societe Des Acieries De Pompey. Improvements in or relating to method and apparatus for metering and distributing predetermined quantities of liquid or semi-liquid substances for delivery through injection or ejection devices. Accepted on 11th July 1963.  
*Comprises volumetric pumps feeding associated injection nozzles, an assembly of transmission gears connected to said pumps and a controlling member.*
81593. The Chief Controller, Research and Development, Ministry of Defence, Government of India, New Delhi. Improvements in or relating to antifouling compositions for ship bottoms. Accepted on 8th July 1963.  
*Comprising toxic and non-toxic pigments water soluble resins, film forming constituents and a solvent together with a plasticizer.*
81621. William MacNeil and Company (P) Ltd. and Kumudtandhu Das Choudhury. Portable multi-purpose lifting, pulling and load checking (dynamometering) machine. Accepted on 10th July 1963.  
*Comprising a body having an anchor hook, a handle point, a clutch and a lever, a hook separate from said body provided at the other side for engaging cable, wire or the like.*
81660. Metallgesellschaft A.-G. Process and apparatus for accomplishment of endothermic processes on the sintering band. Accepted on 6th July 1963.  
*Characterized in that cold cooling air is sucked through the hot product in downward direction, that exhaust gases flowing in the first suction chests of combustion and pre-heating chamber are sucked off with cooling air of last suction chests of the cooling zone, while hot exhaust gases flowing into the last suction chest of combustion zone and heated cooling air of the first suction of cooling zone are supplied to a heat exchange after which the heated air is supplied to burners and/or to the combustion hood.*
81675. Farbenfabriken Bayer Aktiengesellschaft. A process for the production of acrylonitrile polymers. (1st March 1962). Accepted on 6th July 1963.  
*Wherein acrylonitrile is polymerised in the presence of amino sulphonic acids containing no hydrogen atom attached to the nitrogen atom.*
81711. Societe Electro-Physique S. A. R. L. Improvements in or relating to vibratory screening devices. Accepted on 12th July 1963.  
*In which is arranged an electric inductor to heat and impose addition vibrations to the screen.*
81738. The Metal Box Company of India Limited. Improvements in or relating to the sealing of bottles and like containers. Accepted on 8th July 1963.  
*Sealing band is made of a strip of aluminium tinplate or like metal, which has a flanged eyelet at one end of it and at the other end, a hole for just permitting said eyelet.*
81739. The Metal Box Company of India Limited. Improvements in or relating to diaphragm sealing Machines. Accepted on 8th July 1963.  
*A cam roller rotatable on a cam ring, a cam arm on said cam roller is fixedly mounted, a sealing arm fixedly mounted on the cam arm, a sealing roller and a rotatable inner plate on sealing arm and cam arm respectively.*
81761. The Distillers Company Limited. Production of unsaturated aldehydes. (2nd May 1961). Accepted on 11th July 1963.  
*Characterised by effecting the reaction in a series of adiabatic stages with interstage cooling of the reactants, the reaction temperature in each stage being controlled by a combination of the quantity of catalyst present in each stage and the inlet temperature of the reactant mixture to that stage.*
81769. Metallgesellschaft Aktiengesellschaft. Process and equipment for direct reduction of iron ores in the rotary furnace. Accepted on 12th July 1963.  
*Reducing roasted iron ore pellets in rotary furnace by Co., pellets being cooled down to 600°C immediately after roasting on a sintering band.*
81850. Societe Electro-Physique S.A.R.L. Improvements in or relating to device for preventing clogging of screening surface of vibratory screening devices. [Addition to No. 81711]. Accepted on 12th July 1963.  
*In which the screening surface is disposed above a base comprising a non magnetic electrically nonconducting material with a good conducting element inserted therein.*
81851. Societe-Electro-Physique S.A.R.L. Improvements in or relating to heating device for vibratory screening devices. [Addition to No. 81711]. Accepted on 12th July 1963.  
*In which the bottom part of the screen consists of a perforated plate of a low-heat conducting material.*
81865. Dominion Magnesium Limited. Method of producing magnesium metal. (4th July 1961). Accepted on 10th July 1963.  
*Producing ferro-silicon containing not less than 80% total silicon and not more than 30% silicon in combined form as compounds of iron.*
81867. H. R. J. Somasundara. Anti floods automatic sluice gates for dams, reservoirs and tanks. Accepted on 8th July 1963.  
*Comprising a pulley for lifting a cistern at one side and a sluice gate on the other side in a sluice chamber, a pair of drums connected to the pulley along a shaft, a cistern with inlets and outlets and a rope carrying the cistern at one end and wound at the other end to the pulley, inlets and outlets in cistern connected to inlets and outlets of the reservoir with rubber tubings, an emergency inlet tube fitted to head of cistern, a sluice tunnel, pulleys and ropes round the pulleys to lift the gates.*
81874. Aktiengesellschaft Der Von Moos'Schen Eisenwerke. Continuous casting machines for metals. Accepted on 9th July 1963.  
*Comprising a permanent mould and a guide way for turning the continuous casting from vertical to horizontal, guideway begins closely below the casting mould and constrains the casting along a path resembling a catenary.*
81899. Sterling Drug Inc. Pressurized container. Accepted on 11th July 1963.  
*An apertured elastic gasket is secured across an opening of the container by a ferrule having a tube like guide member, the latter receiving an actuator to communicate the container with atmosphere.*
81949. Fuller Company. Pneumatic conveying apparatus. Accepted on 12th July 1963.  
*A shaft extends through the bore of the casing and has helical means for advancing and compacting material from the region of the material inlet to the discharge chamber.*
81955. Libbey-Owens-Ford Glass Company. Laminated glass structure. Accepted on 6th July 1963.  
*Laminated glass structure comprising two sheets of plate glass and a sheet of polyvinyl butyral resin interposed between the glass sheets.*
82118. V. P. Asar. Improvements relating to hinges. Accepted on 6th July 1963.  
*Comprising one wing of usual shape secured to one member and another wing having a bent extension which is embedded in a slot in the other member.*
82119. V. P. Asar. Improvements relating to hinges. Accepted on 6th July 1963.  
*Comprising at least two bolts pivotally connected to each other by pin and sleeve or socket joint.*
82185. Veb Webstuhlbau Neugersdorf. Weft protectors. Accepted on 9th July 1963.  
*The loosely slewable feeling pin is carried by a small base fixed to the spindle and that the link actuating the stopping arrangement is slewably attached to this spindle and kept in non-working position by a spring.*



82251. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to holders for semi-conductor diodes. Accepted on 6th July 1963.
- Consisting of a tubular body accommodating the diodes and having slots for accommodating tags provided at each cooling plate, being in good thermal contact with the diodes.*
82306. Teikoku Jinzo Kenshi Kabushiki Kaisha. High speed tubular spinning of fine viscose rayon yarn. Accepted on 11th July 1963.
- Extruding Viscose into the coagulating liquid with a specific draft such that yarn and coagulating liquid are passed through the tube at same speed and first rotating member is disposed tangentially to coagulating liquid flow.*
82374. Österreichische Stickstoffwerke Aktiengesellschaft. Process for the continuous recovery of acrylonitrile and acetonitrile. Accepted on 6th July 1963.
- Eliminating acetonitrile during distillation of the azeotrope acrylonitrile by washing it out of the distillation gasses by means of hot water.*
82649. Holo-Flite International Incorporated. Pulleys. Accepted on 6th July 1963.
- Comprises a pulley drum, an electric motor, a shaft coaxial with said drum, a sleeve on said shaft projecting out of one end of the drum, a speed reduction gearing of variable ratio drivably connecting said shaft to said sleeve and means for varying the ratio of said gearing.*
82701. Concast AG. A method and an apparatus for regulating the cooling of continuous casting material in the secondly cooling zone. Accepted on 12th July 1963.
- Spraying cooling fluid onto the casting material through spraying nozzles arranged in several planes in which cooling fluid is supplied through feeding conducts to one or several groups of nozzles.*
82826. A. C. Padamsee. Closures for containers and containers fitted with closures. Accepted on 6th July 1963.
- Valve member or a float closure adapted to loosely fit into the mouth of the inner container and having a lug or pin upstanding from its upper surface and adapted to enter into and be located in a recess in the knob provided in the lid.*
82829. Crompton & Knowles Corporation. Apparatus for breaking fibrous masses. Accepted on 11th July 1963.
- Includes a rotary platform, a horizontally movable spiked member, mechanism for moving the member to claw fibres from rotating cheese and actuating mechanism to remove successive fibre layers in vertical direction.*
83215. J. L. Jeanneret. Improved dipper slide-rest assembly for lathes. Accepted on 10th July 1963.
- Comprising in combination a stationary head, a slide displaceable relatively to the head, a support plate on the slide, slideblock with a tool carrier and a feeler secured thereto, a pattern holder secured to the stationary head and a resilient means acting on the slideblock.*
83239. A. Knecht. Improvements in or relating to stepped filters. (29th March 1962). Accepted on 6th July 1963.
- A second filter stage comprises a felt and/or paper filter body, whilst the outer filter layer constituting the first stage comprises a mass of paper mache.*
83376. G. Mohring. Roller-kevelip for conveyer chains. Accepted on 11th July 1963.
- The exchangeable clip blade is provided on one of its longitudinal edges with a bent-off longitudinal reinforcing rib, the clip jaw carrying the clip blade is provided with a stop face against which the longitudinal reinforcing rib bears.*
83388. Zavody Na Vyrobu Vzduchotechnických Zarizení Narodní Podnik. Device for producing mechanical oscillations. Accepted on 11th July 1963.
- Bodies are elastically connected to a rigid beam and the exciter of oscillation with armature is secured to the bodies.*
83450. Braithwaite & Co. (India) Limited. Discharge mechanism for the bulk handling of materials. Accepted on 11th July 1963.
- Comprises a hopper delivering material to a rotatable non-reversible receiver at a distance not smaller than the largest particle, the receiver also acting as a barrier to a material discharge by gravity.*
83470. Associated Electrical Industries Limited. An arrangement for providing an electric current path between a rotatable conductive member and a stationary conductive member. (16th August 1961). Accepted on 6th July 1963.
- Comprises rotatable part defining an inner annular chamber co-axial with the axis of rotation and having an annular entrance through which a stationary part extends, the said chamber being arranged to contain a quantity of conductive liquid.*
83517. Messwandler-Bau GMBH. Rollertype current transformer with two or more measuring ranges. [Addition to No. 77391]. Accepted on 6th July 1963.
- Improvement in Indian Specification No. 77391 wherein the winding part through which the current is steadily passed is subdivided in two continuously parallelly connected parts coiled out of flat band corresponding to the smaller width.*
83606. A. K. W. Knecht. Improvements in or relating to filter units and method of producing same. Accepted on 12th July 1963.
- Producing filter unit by forming fibres together by means of a meltable adhesive, fibres being first dusted with powdery adhesive and thoroughly mixed, than mixture pressed in mould, than subjected to a heat treatment, melting the adhesive for joining the fibres with one another.*
83642. Joseph Lucas (Industries) Limited. Surface treatment of unalloyed steel. (27th September 1961). Accepted on 9th July 1963.
- Heating steel in atmosphere of ammonia at 450°C but below 590°C for a sufficient long period so as to form a lower surface having nitrogen in solid solution and an upper surface layer in which nitrogen is combined with iron, and cooling the steel rapidly to maintain nitrogen in solid, solution.*
83643. Joseph Lucas (Industries) Limited. Surface treatment of unalloyed steel. (27th September 1961). Accepted on 9th July 1963.
- Heating steel in atmosphere of ammonia at 600—750°C for sufficient time to form a surface layer containing iron combined with nitrogen maintaining steel within the temperature range for long enough to form a lower layer containing sufficient nitrogen to convert the lower layer to steel austenitic state.*
84005. E. K. Cole Limited. Improvements in or relating to electrical inductance coils. (23rd September 1961). Accepted on 12th July 1963.
- Wherein the coils are coaxially supported within the tube of magnetic material, that is also a good insulator.*
84250. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing molds and molds thus manufactured. Accepted on 12th July 1963.
- Slurry of granular refractory material and a liquid containing silica sol is provided around a model, after gelling, the model removed and mould is finally subjected to heat-treatment, gelation of the sol at a given temperature is adjusted by addition of a buffer solution.*

88075. Rhone-Poulenc S.A. Process for the preparation of phosphorus esters. [Divisional date 10th October 1961]. Accepted on 9th July 1963.

*By reacting an alkali metal or ammonium salt of a phosphorous derivative with a benzothiazolone compound.*

88076. Rhone-Poulenc S. A. Process for the preparation of phosphorous esters. [Divisional date 10th October 1961]. Accepted on 9th July 1963.

*By reacting an alkali metal or ammonium salt of a phosphorous derivative with a benzoxazolone compound.*

88823. Union Carbide Corporation. Polycarbonate resins. [Divisional date 10th October 1961]. Accepted on 10th July 1963.

*By admixing 2, 2, 4, 4-tetramethyl cyclobutane-diol-1, 3, a diester of carbonic acid and an organic acid.*

#### Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

(1)

73033. 73089. 73195. 73694. 73983. 74136. 74148. 74154. 74155. 74156. 74166. 74167. 74168. 74170. 74173. 74177. 74179. 74180. 74181. 74194. 74211. 74249. 74259. 74282. 74331. 74334. 74373. 74389. 74396. 74431. 74510. 74559. 74566. 74684. 74691. 74748. 74752. 74756. 74764. 74930. 74974. 75024. 75053. 75079. 75182. 75377. 75464. 75528. 75640. 75708. 75763. 75774. 75826. 75910. 76125. 76177. 76178. 76320. 76368. 76429. 76801. 77163. 77494. 77505. 80948. 80949. 72087. 73149. 74306.

(2)

72865. 72891. 72894. 72984. 73307. 73790. 73882. 73883. 73906. 73943. 73944. 73948. 73955. 73959. 73965. 73970. 73978. 73994. 74017. 74033. 74041. 74042. 74043. 74044. 74045. 74046. 74052. 74053. 74061. 74063. 74088. 74090. 74091. 74101. 74105. 74106. 74115. 74125. 74144. 74153. 74215. 74228. 74233. 74261. 74280. 74305. 74308. 74324. 74355. 74375. 74383. 74397. 74414. 74425. 74438. 74447. 74476. 74506. 74507. 74597. 74626. 74642. 74648. 74697. 74709. 74710. 74728. 74831. 74975. 74995. 75059. 75125. 75138. 75144. 75197. 75225. 75243. 75314. 75348. 75380. 75414. 75511. 75548. 75662. 75740. 75775. 75852. 75883. 75974. 76051. 76435. 76457. 76545. 76655. 76920. 76994. 77374.

(3)

70191. 68531.

#### Correction of clerical errors

Under Section 62 of the Indian Patents and Designs Act, 1911 certain clerical error occurring in the drawing in respect of Patent No. 77962 was corrected on the 6th July 1963.

#### Patents Sealed

74663. 76364. 76375. 76460. 76501. 76809. 76837. 77020. 77141. 77218. 77436. 77454. 77459. 77460. 77480. 77497. 77509. 77512. 77516. 77521. 77537. 77538. 77553. 77659. 77677. 77678. 77680. 77681. 77682. 77702. 77715. 77731. 77752. 77782. 77798. 77839. 77846. 77866. 77879. 77885. 77902. 77951. 77970. 77971. 77976. 78084. 78221. 78236. 78300. 78305. 78437. 78462. 78463. 78473. 78497. 78545. 78569. 78589. 78592. 78628. 78671. 78850. 78894. 78902. 78904. 78978. 79190. 79255. 79375. 79407. 79492. 79534. 79601. 79646. 79654. 79709. 79723. 79734. 79736. 79917. 80000. 80101. 80464. 80845. 83895. 85621.

#### Amendment Proceedings

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Chiksan Company, a corporation of the State of California, of 330 North Pomona Avenue, Brea, California, United States of America, Manufacturers, seek leave to amend the name, nationality and address of the Applicant in the application, specification and drawings No. 78739. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

#### Renewal Fees Paid

39598. 40107. 40108. 40118. 41520. 41522. 41523. 41772. 41803. 41812. 41824. 41962. 42014. 42032. 43464. 43503. 43558. 43604. 43773. 45386. 45542. 45603. 45638. 45843. 46045. 47570. 47820. 47982. 48297. 49370. 49934. 49935. 50024. 50130. 50175. 50877. 52339. 52362. 52455. 52461. 52468. 52486. 52493. 52504. 52545. 52590. 52690. 52744. 52797. 53238. 53457. 53458. 53801. 54942. 54947. 55029. 55098. 55214. 55311. 55340. 55391. 55437. 55454. 55500. 55703. 56300. 57394. 57395. 57441. 57840. 57908. 57968. 58028. 58084. 58107. 58108. 58146. 58190. 58191. 58235. 58276. 58296. 58307. 58308. 58310. 58324. 58325. 58326. 58437. 58533. 61032. 61086. 61107. 61175. 61240. 61289. 61342. 61348. 61364. 61365. 61366. 61367. 61375. 61451. 61472. 61532. 61541. 61598. 61649. 61709. 62034. 62090. 62248. 62284. 62761. 62762. 63431. 63432. 63785. 64288. 64648. 64650. 64663. 64673. 64689. 64698. 64709. 64767. 64774. 64775. 64811. 64821. 64832. 64842. 64856. 64869. 64900. 64907. 64924. 64930. 64966. 64974. 64998. 65047. 65086. 65131. 65132. 65146. 65147. 65148. 65223. 65239. 65240. 65248. 65249. 65250. 65253. 65254. 65300. 65301. 65443. 65602. 65603. 65604. 66410. 66426. 68304. 68401. 68412. 68413. 68414. 68492. 68524. 68579. 68604. 68606. 68626. 68665. 68669. 68683. 68689. 68729. 68730. 68822. 68830. 68831. 68832. 68860. 68872. 68873. 68874. 68932. 68953. 69015. 69040. 69042. 69043. 69070. 69073. 69074. 69125. 69132. 69148. 69149. 69150. 69153. 69197. 69199. 69221. 69271. 69328. 69329. 69346. 69472. 69473. 69474. 69517. 70098. 72268. 72416. 72473. 72541. 72549. 72679. 72680. 72732. 72805. 72825. 72831. 72839. 73225. 73358. 73445. 73772. 74569. 74839.

#### Extension of the Term of Patent

The petition for extension of the term of patent No. 36710 filled by Les Usines De Melle and notified in Part III, Section 2 of the Gazette of India, dated the 18th August, 1962, has been rejected by the Central Government.

#### Surrender of Patent

##### (Under Section 24)

Notice is hereby given that an order was made on the 12th July, 1963 revoking the patent granted to Kamani Pigment Works of Bombay for an invention entitled "A Plant for an improved process of manufacturing red lead" numbered 66176 and bearing date 19th December 1958.

#### Cessation of Patents

41154. 41185. 42874. 42891. 42901. 42920. 44827. 44842. 44884. 44907. 46921. 46929. 46947. 47000. 47016. 47149. 49237. 49258. 49284. 49291. 51573. 51595. 51649. 54091. 54097. 54098. 54108. 54118. 54134. 54167. 54207. 54219. 55288. 56855. 56913. 56920. 56924. 56932. 56953. 56954. 56975. 56982. 56983. 56998. 59935. 60002. 60006. 60008. 60027. 60046. 60089. 60094. 63493. 63494. 63502. 63507. 63514. 63516. 63520. 63535. 63536. 63537. 63601. 63614. 63615. 63616. 63619. 63624. 63636. 63641. 63644. 63657. 67097. 67099. 67105. 67113. 67125. 67130. 67132. 67133. 67137. 67150. 67151. 67156. 67159. 67169. 67171. 67188. 67189. 67196. 67200. 67210. 67211. 67212. 67213. 67220. 67234. 67237. 67254. 67262. 67268. 67272.

#### Restoration Proceeding

Notice is hereby given that an order was made on the 9th July 1963 restoring the patent numbered 58437 dated as of 18th September 1956 granted to Dr. Kuppaswamy Iyer, Venkataraman for "Improvements in or relating to preparation of a processed carbon for use in cleansing drinking water and particularly for removing excess of fluorides".

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patent and Designs Act.

The dates shown in each entry is the date of registration of the design including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class I. No. 116509. Vannanchalil Mustafa, An Indian Citizen, 62, Nishanpada Road, Bombay-9, Maharashtra, India, "A thermal jar", January 2, 1963.

Class I. No. 116573. Akhtar Hussain and Teimul Hussain, citizens of India. 5-4-412, Nampally Junction, Hyderabad, Andhra Pradesh, "Ice freezer", January 8, 1963.



- Class 1. No. 117087. Madhav Vishnu Shiddhaye and Shamala Madhav Shiddhaye, Thakoor Wadi, 2nd Floor, Opposite Kirti (Bombay) College, Kashi-nath Dhuru Road, Off Cadell Road, Bombay 28, Maharashtra, Indian Nationals, "Picup", February 16, 1963.
- Class 1. No. 117241. Bungo Steel Furniture (P) Ltd, an Indian Private Limited Company duly incorporated under the Indian Companies Act, 57 Diamond Harbour Road, Calcutta-23, West Bengal, "Folding easy chair", February 25, 1963.
- Class 1. No. 117242. Bungo Steel Furniture (P) Ltd, an Indian Private Limited Company duly incorporated under the Indian Companies Act, 57, Diamond Harbour Road, Calcutta-23, West Bengal, "Folding stool", February 25, 1963.
- Class 1. Nos. 117560 and 117561. Newton Type Foundry, 80, Wallajah Road, Mount Road, Madras-2, India, an Indian Company, "Tamil printing types". March 23, 1963.
- Class 1. No. 117653. Jawind Lal Bansal. Main Road Banga. Teh. Nawanshehar. Distt. Jullundur. Punjab State, Indian by Nationality, "Chain hook (kunda)", April 1, 1963.
- Class 1. Nos. 117705 and 117706. Monarch Mechanical Works, Indian Partnership firm, Mahidharpura, Ghia Sheri, Surat, Gujarat, "Trays", April 8, 1963.
- Class 1. No. 117750. Man Mohan Singh Bindra, Chuna Mandi, Pahar Gunj, New Delhi, India (Indian), "Electric iron", April 16, 1963.
- Class 1. No. 117869. Calama Industries Limited, Canada Building, Dr. D. Naoroji Road, Bombay-1, Maharashtra, Nationality—Indian, "Electric wall clocks", April 24, 1963.
- Class 3. No. 117654. Felca Electrical Industries, 163, Industrial Area, Chandigarh, Punjab State, Indian Partnership firm, "Plastic mirror or back light of cycle dynamo", April 1, 1963.
- Class 3. No. 117655. Felca Electrical Industries, 163, Industrial Area, Chandigarh, Punjab State, Indian Partnership firm, "Clutch of cycle dynamo", April 1, 1963.
- Class 3. No. 117704. Veena Electric Industries, Indian firm, 39, Sheikh Memon Street, Zaveri Bazar, Bombay-2, Maharashtra, "Cigarette lighter", April 8, 1963.
- Class 3. No. 117870. Calama Industries Limited, Canada Building, Dr. D. Naoroji Road, Bombay 1, Maharashtra, Nationality—Indian, "Electric wall clocks", April 24, 1963.
- Class 5. No. 117632. Shyam Bhai Rajpoot, Nayaganj, Kanpur, U.P., Indian subject, "Label", March 29, 1963.
- Class 13. Nos. 118099 to 118102. The Tata Mills Ltd, an Indian Company, Bombay House, Bruce Street, Fort. Bombay, Maharashtra, "Textile goods", May 13, 1963.
- Class 13. Nos. 118103, 118104 and 118106 to 118121. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay 13, "Textile goods", May 13, 1963.
- Class 13. Nos. 118131 to 118140 and 118142 to 118147. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay 13, "Cotton piecegoods", May 15, 1963.
- Class 13. Nos. 118158 to 118165. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort. Bombay, Indian Company, "Textile piecegoods", May 20, 1963.
- Copyright Extended for a Second Period of Five Years**  
 Design Nos. 91326, 92034 and 92035—Class 1.  
 Design No. 97486—Class 1.  
 Design Nos. 97210, 97324, 97711, 97905, 98451 and 98703—Class 3.  
 Design Nos. 94098 and 94099—Class 12.  
 Design Nos. 94098 and 94099—Class 12.
- Copyright Extended for a Third Period of Five Years**  
 Design No. 117153—Class 4.  
 Design No. 75096—Class 5.

S. VENKATESWARAN

Controller General of Patents, Designs  
and Trade Marks

